

# Work Order ID 56775

Tuesday, March 09, 2010 12:35:29 PM



Page 1

Item ID: D350-689-041

Accept



Setup Start



Revision ID:

Item Name: Dual High Back Seat Ass'y

Stop



Start Date: 3/9/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 3/23/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: UMF

Date: 10-3-9

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
DSI 9498	A								
IIN D350-689	A								
100		0.00							
	<del>Large Fab</del> Small FAB Memo	0.00							
Large Fab	Assemble as per IIN 350-689-041								
Large Fab									
Small Fab									
110		0.00							
	QC5- Inspect part completeness to step on W/O	0.00							
QC	Memo	0.00							
Quality Control									

8/5/03/15

8/10/03/15

10

# Work Order ID 56775

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Item ID: D350-689-041

Accept



Setup Start



Revision ID:

Item Name: Dual High Back Seat Ass'y

Stop



Start Date: 3/9/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 3/23/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Draw  
Number

Draw  
Rev.

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

120



Powdercoat  
Powder Coating

Grey Sandtex(Ref:4.3.5.6) per QSI005 4.3

0.00

Memo

START TIME: 3:55  
OVEN TEMPERATURE: 320°  
FINISH TIME: 4:25

0.00

BR 10-3-15 ①

130



QC  
Quality Control

QC3- Inspect Part Finish

0.00

Memo

0.00

10-03-16

(X1) ✗

140



Large Fab  
Small Fab  
Small Fab

Large Fab  
Small Fab  
Memo

Assemble as per Dwg IIN-D350-689

0.00

0.00

ES 10/03/16 ①

# Picklist Print

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Page 1

Work Order ID: 56775

Parent Item: D350-689-041

Parent Item Name: Dual High Back Seat Ass'y





Comments: IPP Rev:H Removed Sub-Parts 06-02-09 JLM  
 IPP Rev:I As per NCR 070 06-09-06 JLM IPP Rev:J as per  
 DSI 9498 DD 10.02.12 verified by:JLM

Start Date: 3/9/2010

Required Date: 3/23/2010

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
D3016-041		Manufactured	No			110	Each	0.0000	1.0000			
												
Seat Frame Assembly												
D3017-041		Manufactured	No			110	Each	0.0000	1.0000			
												
Back Frame Assembly												
D3023-1		Manufactured	No			110	Each	0.0000	1.0000			
												
Back Panel												
MS20600-AD4W2		Purchased	No			110	Each	410.0000	40.0000			
												
Rivet												

B44557 (14)

B52350 (17)

B52354 (17)

EP 10/03/16

EP 10/03/16

EP 10/03/15

EP 10/03/15

## Warehouse

## Loc Qty

## Loc Code

### Location

Main Warehouse

ST321

410

109059

50

111359

160

112794

200

40

AN3-12A

Purchased

No

140

Each

83.0000

3.0000



Bolt

EP 10/03/16

## Warehouse

## Loc Qty

## Loc Code

### Location

Main Warehouse

ST351

83

106605

23

109297

4

112720

56

3

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

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Page 2

Work Order ID: 56775



Parent Item: D350-689-041



Parent Item Name: Dual High Back Seat Ass'y

Start Date: 3/9/2010

Required Date: 3/23/2010

Comments: IPP Rev:H Removed Sub-Parts 06-02-09 JLM  
 IPP Rev:I As per NCR 070 06-09-06 JLM IPP Rev:J as per  
 DSI 9498 DD 10.02.12 verified by:JLM

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
AN960JD10L		Purchased	No			140	Each	3,105.000	17.0000			



Washer

QSI017

NAS1149D0332J  
 M112794 (17x)

## Warehouse

## Loc Qty

## Loc Code

### Location

Main Warehouse

ST348

3105

101291

16

105793

49

110985

3040

D3021-041

Manufactured No

140

Each

0.0000

1.0000



Tube Assembly

D3022-1

Manufactured No

140

Each

0.0000

1.0000



Seat Pan

D3024-1

Manufactured No

140

Each

17.0000

3.0000



Spacer

## Warehouse

## Loc Qty

## Loc Code

### Location

Main Warehouse

ST034

17

43394

11

50343

6

3

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**Dart Aerospace Ltd**

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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# Picklist Print

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Work Order ID: 56775



Parent Item: D350-689-041



Parent Item Name: Dual High Back Seat Ass'y

Start Date: 3/9/2010

Required Date: 3/23/2010

Comments: IPP Rev:H Removed Sub-Parts 06-02-09 JLM  
 IPP Rev:I As per NCR 070 06-09-06 JLM IPP Rev:J as per  
 DSI 9498 DD 10.02.12 verified by:JLM

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
D3028-1		Manufactured	No			140	Each	10.0000	4.0000			
Stud												

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST034

10

42446

10

140

Each

8.0000

2.0000

4

D3029-1



Spring

Manufactured

No

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST034

8

46848

8

140

Each

6.0000

2.0000

2

D3030-1



Lock

Manufactured

No

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST034

6

50363

6

2

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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Work Order ID: 56775



Parent Item: D350-689-041



Parent Item Name: Dual High Back Seat Ass'y

Start Date: 3/9/2010

Required Date: 3/23/2010

Comments: IPP Rev:H Removed Sub-Parts 06-02-09 JLM  
 IPP Rev:I As per NCR 070 06-09-06 JLM IPP Rev:J as per  
 DSI 9498 DD 10.02.12 verified by:JLM

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
D3031-1		Manufactured	No			140	Each	17.0000	2.0000			



Loop

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST034

17

43395

17

MS20600-AD4W3

Purchased

No

140

Each

2,327.000

6.0000



Cherry Rivets

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST321

2327

102929

37

104715

10

106375

312

107939

1000

111636

968

*EP 10/03/16*

*2*  
*EP 10/03/15*

*6*

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# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

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Work Order ID: 56775



Parent Item: D350-689-041



Parent Item Name: Dual High Back Seat Ass'y

Start Date: 3/9/2010

Required Date: 3/23/2010

Comments: IPP Rev:H Removed Sub-Parts 06-02-09 JLM  
IPP Rev:I As per NCR 070 06-09-06 JLM IPP Rev:J as per  
DSI 9498 DD 10.02.12 verified by:JLM

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
MS21042L3		Purchased	No			140	Each	2,353.000	17.0000			
Nut												



9510/03/10

## Warehouse

## Loc Qty

## Loc Code

### Location

Main Warehouse

ST

2347

110844

35

111274

27

111668

52

112314

285

112385

228

113523

20

113537

700

113644

1000

Main Warehouse

ST139

6

111668

6

17

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# Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

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Work Order ID: 56775



Parent Item: D350-689-041



Parent Item Name: Dual High Back Seat Ass'y

Start Date: 3/9/2010

Required Date: 3/23/2010

Comments: IPP Rev:H Removed Sub-Parts 06-02-09 JLM  
 IPP Rev:I As per NCR 070 06-09-06 JLM IPP Rev:J as per  
 DSI 9498 DD 10.02.12 verified by:JLM

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
MS21042L4		Purchased	No			140	Each	2,392.000	6.0000			



Nut



*EP 10/03/16*

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST	2392	
102552	6	
104248	6	
110507	184	
111827	220	
113422	976	
114108	1000	
15924	0	

MS24693-S272

Purchased

No

140

Each

352.0000

4.0000



Screw



*EP 10/03/16*

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST	352	
111295	9	
111548	43	
112492	300	

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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Work Order ID: 56775

Parent Item: D350-689-041

Parent Item Name: Dual High Back Seat Ass'y


Comments: IPP Rev:H Removed Sub-Parts 06-02-09 JLM  
 IPP Rev:I As per NCR 070 06-09-06 JLM IPP Rev:J as per  
 DSI 9498 DD 10.02.12 verified by:JLM

Start Date: 3/9/2010

Required Date: 3/23/2010

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
MS27039-1-17		Purchased	No			140	Each	92.0000	4.0000			
												
Screw												

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

92

11540

92

MS27039-1-19

Purchased

No

140

Each

147.0000

6.0000



Screw

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

147

100089

47

112794

100

MS27039-4-21

Purchased

No

140

Each

50.0000

6.0000



Screw

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

50

114055

50

*EP 3/10/03/16*

4  
*EP 3/10/03/16*

6  
*EP 3/10/03/16*

6

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



# Picklist Print

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Tuesday, March 09, 2010 12:35:28 PM

Work Order ID: 56775



Parent Item: D350-689-041



Parent Item Name: Dual High Back Seat Ass'y

Start Date: 3/9/2010

Required Date: 3/23/2010

Comments: IPP Rev:H Removed Sub-Parts 06-02-09 JLM

Start Qty: 1.00

Required Qty: 1.00

IPP Rev:I As per NCR 070 06-09-06 JLM IPP Rev:J as per

DSI 9498 DD 10.02.12 verified by:JLM

Component Item ID/	Replacement	Mfg/	Bin	Primary	Last	Route	Unit of	Qty on	Remaining	Qty	Date	Status
NAS1149D0432J		Purchased	No			140	Each	44.0000	6.0000			
WASHER												



*EP 10/03/16*

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

44

112557

44

6

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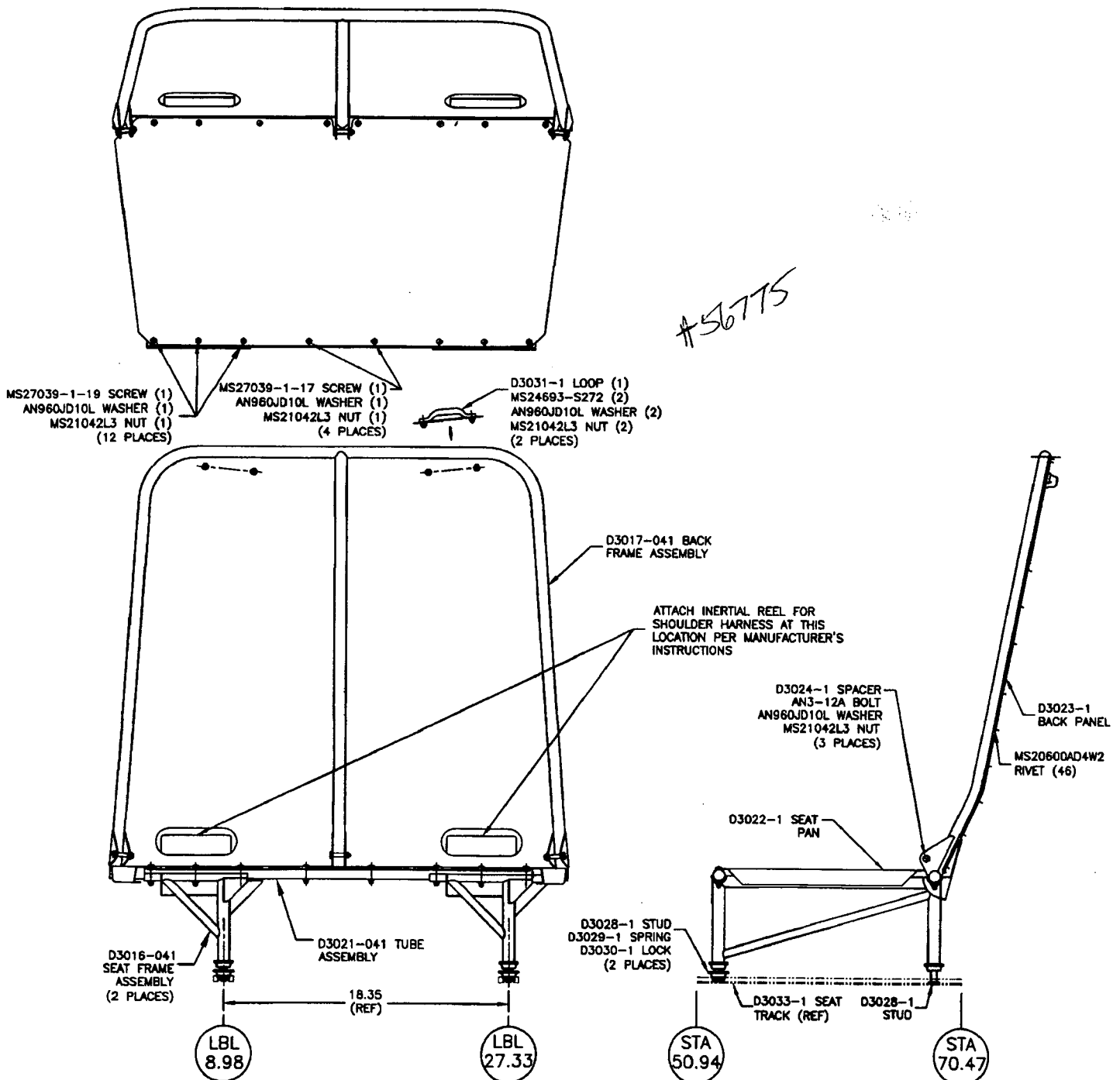
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



**FIGURE 6: Installation of D350-689-041 Dual High Back Seat Assembly**

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Revision: **A**  
Date: 01.05.30